

1                   REMARKS

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3       This Reply is responsive to a current and Non-final Office Action having a  
4       Restriction/Election Requirement that was dated 04/20/2007.

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6       Generally, the current Office Action subjected claims 1-96 to a restriction  
7       requirement that identified thirteen (13) Groups I. - XIII. Specifically, the current  
8       Office Action restricted the claims as follows:

9                   Group I: claims 1-18;

10          Group II: claims 19-25;

11          Group III: claims 26-31;

12          Group IV: claims 32-49;

13          Group V: claims 50-55;

14          Group VI: claims 56-63;

15          Group VII: claims 64-66;

16          Group VIII: claims 67-69;

17          Group IX: claims 70-72;

18          Group X: claims 73-77;

19          Group XI: claims 78-86;

20          Group XII: claims 87-93; and

21          Group XIII: claims 94-96.

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1       Applicants do not necessarily agree with the Office's characterization of the  
2 claims as to groups, claimed subject matters, the accuracy of the asserted  
3 subcombinations (usable together in a single combination) relationships, the Office's  
4 reasoning for the restriction, and so forth. Nevertheless, Applicants hereby make an  
5 election in order to facilitate prosecution of the instant Patent Application and to  
6 expedite its ultimate allowance as U.S. Patent.

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8       Applicants hereby elect, *with traverse*, to prosecute the claims of Group IV  
9 (claims 32-49) in the instant Patent Application.

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11       However, Applicants also respectfully request that the claims of Group I  
12 (claims 1-18) also remain and be examined in the instant Patent Application. This  
13 presents 36 total claims with two independent claims: 1 and 32.

1           Claim 1 reads:

2           **1.** (original) One or more processor-accessible media comprising  
3           processor-executable instructions that, when executed, direct a device to perform  
4           actions comprising:

5                 comparing an accuracy indicator to at least one threshold, the accuracy  
6                 indicator corresponding to a reference macroblock selected for a target  
7                 macroblock;

8                 ascertaining a refinement case from a plurality of refinement cases based  
9                 on the comparing, each refinement case of the plurality of refinement cases  
10                 defining a plurality of test points in relation to the reference macroblock; and

11                 analyzing the ascertained refinement case with regard to the target  
12                 macroblock.

13           Claim 32 reads:

14           **32.** A device comprising:

15                 a candidate selector that is capable of accepting a current macroblock,  
16                 the candidate selector adapted to select a motion vector candidate from a set of  
17                 motion vector candidates with regard to the current macroblock using an  
18                 accuracy indicator corresponding to the selected motion vector candidate;

19                 a refinement case ascertainment that is capable of accepting the selected  
20                 motion vector candidate and the accuracy indicator corresponding thereto, the  
21                 refinement case ascertainment adapted to ascertain a refinement case from among a  
22                 plurality of refinement cases based on a first threshold and a second threshold  
23                 and responsive to the accuracy indicator; and

24                 a refinement case analyzer that is capable of accepting the ascertained  
25                 refinement case, the refinement case analyzer adapted to analyze a collection of  
                       points defined by the ascertained refinement case with regard to the current  
                       macroblock to potentially refine the selected motion vector candidate.

1        It is therefore respectfully requested that there is no burden on the Office to  
2 examine claims 1-18 with claims 32-49.

3  
4        Consequently, claims 19-31 and 50-96 have been canceled. Hence, claims 1-  
5 18 and 32-49 continue to be pending and presented for examination.

6  
7        Applicants respectfully reserve the right to pursue the subject-matter(s) of the  
8 canceled claims in one or more Divisional Patent Applications.

## **CONCLUSION**

It is respectfully submitted that all of claims 1-96 are allowable. With claims 1-18 and 32-49 requested to be examined in the instant Patent Application, allowance of claims 1-18 and 32-49 is hereby respectfully requested.

Respectfully Submitted,

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